

Approved For Release 2001/04/01 : CIA-RDP84-00933R000500130001-4

Level II complete -

11/21/00 - betty

ODP # 8-1127

29 JUN 1978

DD/O78-485.

MEMORANDUM FOR: Deputy Director for Operations

FROM:

[REDACTED]
Chief, Information Management Staff,
Directorate of Operations

STATINTL

THROUGH:

Director of Data Processing,
Directorate of AdministrationChief, Comptroller Group,
Directorate of Operations

SUBJECT:

Request for Approval of DO/IMS Contract with

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Action Required

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1. (AIUO) Your approval is requested for continuation of our contract [REDACTED] for systems analysis, design and programming. The statement of work for this contract is attached. The cost should amount to approximately [REDACTED] for Fiscal Year 1979.

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Background

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2. (AIUO) While the level of effort is intended to remain almost the same as in FY 1978, there will be a slight increase in cost as the result of inflation. Funding for this support has been included in the IMS/[REDACTED] FY 1979 budget planning.

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3. (AIUO) It is of vital interest to IMS that the project development work of the [REDACTED] team, as supervised by their resident manager, be continued in FY 1979. The incremental development of the large and very complex computerized system which IMS uses to support the needs of the Operations Directorate and the Intelligence Community could not have progressed to this point without the background and technical expertise of the [REDACTED] contractors. Although IMS has recruited new staff personnel and has engaged in an intensive training program for its personnel, it remains clear that the necessary further development and enhancements to

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CC: ADDO

STATINTL

30 JUN 1978

Date _____

John H. Stein

have the authority to concur or not to concur.

Date _____

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1. SUGGESTED SOURCES (Any sole source recommendation must include a substantive technical justification)

See attached Memorandum.

2. DELIVERABLE ITEMS

REPORTS REQUIRED _____ NO. OF COPIES ☐ MONTHLY ☐ INTERIM ☐ QUARTERLY ☐ FINAL

HARDWARE (state type and number)

OTHER

See Statement of Work

3. GFP REQUIRED

4. SPECIAL INSTRUCTIONS

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Directorate of Operations
Information Control System
Statement of Work
1 July 1978

Introduction

1. This Statement of Work (SOW) defines the full scope of endeavor to be undertaken by the contractor under the terms and conditions of the RFP and the contract between the Government and the contractor. It is intended to define the contemplated contract and to specify all deliverable items.

2. Seven technical tasks are involved. They are directly related to the Agency's ongoing development of the DORIC System and involve assisting and participating with the Agency in the analysis, design, programming, documentation and implementation of various components of the DORIC System. The requirements of each of these technical tasks are described in succeeding sections.

3. In addition to the performance of the technical tasks described herein, the Agency expects the contractor to provide an appropriate amount of management effort to any resultant contract, which will be a part of the contract costs, to assure timely and effective execution of the stated technical tasks. The Agency estimates the level of this activity to be six man months.

Technical Tasks

4. The on-line components of the ALLSTAR System that have not been implemented to operate under the [REDACTED] Customer Information Control System (CICS) must be modified and/or developed to operate under and utilize the facilities of CICS, as appropriate, to achieve more effective use of computing resources and to enhance the capabilities of the related functions to take advantage of experience gained in use of the functions. The functions and components involved are:

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- .The Status Search function
- .The Name Grouping function
- .The retrieval component of the Name Search function
- .A System Control function, which is entirely new.

In addition, certain application oriented data set access methods may be converted, as appropriate, to operate under CICS. Analysis and design activity on this task began in the spring of 1978. The contractor will assist the Agency in the completion of the design and the development, documentation, and operational implementation of the aforementioned functions and components. In addition to utilizing the features of and operating under CICS, the programs developed under this task will be written in assembly language and PL/1, as appropriate. The Agency estimates that the contractor effort required for this task is 57 man months.

5. The Agency desires contractor assistance in the requirements analysis design and programming of a capability that will provide machine assisted support to the document analysis, indexing, and abstracting function via display terminals. The ultimate objective of the capability is to permit the on-line creation of transactions for batch processing by the ALLSTAR FM DAILY of new record ADDS to the ALLSTAR data base and associated tables. The machine assisted support of document analysis, indexing, and abstracting is to deal primarily with documents available in machine processable, character coded form (e.g., EBCDIC), but it is also to make provision for the entry of the same type information for documents available only in hard copy form. The Agency estimates that twenty man months of effort will be required for this task.

6. This task involves a software system known as Control of Archives Retired Documents (CARD), which will support the retired document control function. During 1977 a requirements analysis and gross design was performed for the CARD System, but as a result of certain activities and a reorganization that occurred in 1978 the requirements and design may be partially invalid. The contractor will assist the Agency in the reanalysis of the CARD requirements and in the design, development, documentation, and the operational implementation of the CARD System, if appropriate. Design, Development, and Operational implementation of the CARD

System will be dependent upon the findings of the reanalysis, which may significantly affect the function, cost, and schedule of any resultant development effort. The Agency estimates that the contractor effort required to perform this task is 12 man months.

7. During 1978 the definition and creation of an environment for the testing of on-line, CICS based application programs was begun. The testing environment is being based on the CICS Network Activity Simulator and CICS 3270 Simulator Field Developed Programs [REDACTED] and is to include testing scenarios and data for regression testing of existing CICS applications software functions and a structure for the future inclusion of testing scenarios and data for new CICS applications functions. The contractor is to assist and participate with appropriate Agency personnel to complete the development of testing scenarios and data for existing functions, complete the definition of a structure and strategy for testing future applications functions in this testing environment, and operationally test the use of the scenarios and data for existing CICS applications software functions. The Agency estimates that the effort required for this task is 4 man months.

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8. The contractor will provide technical support, advice, and counsel in the applications use and installation maintenance of 360 NIPS. As a secondary activity, the contractor will provide advice and counsel in the conversion of NIPS applications to the RAMIS data management system. (PAMIS is a product of Mathematica, Inc.). This support will be primarily provided to SG/ADE; however, in the technical support of installation maintenance the contractor will coordinate and work closely with OLSB/SPD/ODP to diagnose and correct malfunctions of the NIPS software and, if appropriate, assist in the installation of new NIPS releases. The Agency desires that 12 man months of contractor effort be devoted to this task.

9. The Agency requires contractor support to measure and analyze the performance and resource utilization of the ALLSTAR System and recommend software and/or configuration improvements that will result in better terminal response times and/or reduced resource utilization. It may also be necessary to measure and analyze adjunct systems to ALLSTAR which may be interfering with ALLSTAR performance. The Agency will make available to the contractor sufficient software and/or hardware monitoring and measuring facilities for the performance of this task. The Agency desires 2.5

man months of contractor effort for this task, which is to be uniformly time distributed over the contract period.

10. The Agency occasionally requires contractor support to resolve operational problems encountered with the ALLSTAR system. Also, technical assistance is needed from time to time in planning enhancements to the ALLSTAR System, other components of the DORIC System, and interfaces between the ALLSTAR System and other DORIC System components. The Agency anticipates that the aggregation of these requirements during the contract period will be three man months of contractor effort.

Contractor Performance Conditions

11. The Agency desires that the aforementioned tasks be performed during the period 1 October 1978 through 30 September 1979.

12. The Agency anticipates a cost plus fixed fee form of contract on a best efforts basis.

13. Contractor performance is desired entirely on Agency premises. The Agency will provide all office space, supplies, telephone service and secretarial support required.

14. Contractor personnel performing on all tasks must have or obtain appropriate Agency security clearances.

15. The Agency will provide all necessary computer time and operators, operating and control software (e.g. CICS), and performance measurement hardware and software facilities.

16. The contractor will prepare and deliver functional requirements reports, design reports, program specifications, operating programs, and final documentation as appropriate and agreed to by the Contracting Officer's Technical Representative (COTR) for the tasks described in paragraphs 4 through 7. However, the contractor will only deliver program documentation for those computer programs written by the contractor. The contractor will also deliver

a monthly contract status report describing the financial status, overall contract status, and accomplishments on a task by task basis. One copy of the monthly contract status report will be delivered to the contracting officer and three copies to the COTR by the tenth working day of each month following the month covered by the report.